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CHAL-0283
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7 August 1958

MEMORANDUM FOR: Special Assistant to the Director for Planning and Development

SUBJECT : Director of Operations' DPS/DCI Memo on ELINT

REFERENCE : CHAL-0214, 26 June 1958

50X1

1. This memo is responding to the recommendations of reference memo.

[redacted]

4. Second recommendation (paragraph 6 b)-- [redacted] 50X1 indicates a need to augment NTPC by three additional men to accomplish analysis of System Four tapes from CHALICE more expeditiously in two regards. First, he says, that the minimum analysis time should be two days for a technical maintenance evaluation to provide information concerning equipment operation.

5. Technical maintenance evaluation is not today the responsibility of NTPC but rather the OSI Blue Room. There has been no intention up to the present and, in connection with the merger with NSA, no intention in the future to move the responsibility for such evaluation. I am informed that OSI Blue Room has been providing to the Project within 48 hours after receipt of tapes the evaluation desired.

This document contains information referring to Project CHALICE

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6. In paragraph 6 b (2), [redacted] recommends augmentation 50X1
of NTPC in order to achieve within two months a detailed analysis of System Four tapes to provide the desired intelligence. The impression is gained from this that Operations DPS/DCI needs a "detailed" analysis and it also presumes that the reader knows what is meant by "desired" intelligence. As I understand it from my discussions with OSI, Operations DPS/DCI, and Air Force personnel, the intelligence needed for operational purposes is really EOB or ROB which has been uncovered. For the most part, this is available shortly after the preparation of the preliminary report which OSI makes to Operations DPS/DCI. Upon receipt of the original tape by NTPC from OSI (after the preliminary analysis), a duplicate is made and forwarded to SAC, which removes the EOB and ROB. That information is posted in the secure quarters at SAC and fed in small quantities into the EOB and ROB publications of SAC which are issued about every 48 hours to all authorized US customers. When USAFE has received necessary racks now on order, planning calls for EOB and ROB analysis from Eurasian collection to be made there or, in the event of an overload, also at SAC. The same procedure would apply in PACAF in the case of Asian collection.

7. In any event, it has never been the intention that NTPC should perform a "detailed" analysis of every mission tape to provide all "desired" intelligence. Its mission has been and is to provide analysis of unique types of signals. Furthermore, the manpower expansion of NTPC for analysis of System Four is unwarranted pending the receipt by NTPC of additional racks now on order. At such time as these racks are available, it is my understanding with the Air Force that additional manpower will be made available. Naturally, the developments in a number of areas including the merger with NSA will have to be taken into account in this regard as time progresses.

8. It should likewise be borne in mind that NTPC is directing its attention to the analysis of unique signals as displayed in other ELINT collection, including some System Four being used in other projects. There are problems which have arisen, and will quite likely arise more frequently in the future, regarding the priority with which NTPC shall direct its attention against these many demands. At the moment it is my understanding that this Agency's interest in the establishment of such

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priority is being satisfactorily effectuated through consultation between Deputy Assistant Director Office of Scientific Intelligence and AFCIN-Z (the staff arm of General Walsh for giving guidance to NTPC).

9. In summary on the foregoing, I conclude as follows:

a. That Operations DPS/DCI is being serviced in regard to the take from System Four in about as expeditious manner as availability of equipments permits. (It is noted that as required NTPC and OSI have cooperated fully when preliminary evaluations are required on more than one System Four tape arriving simultaneously.)

b. That as rapidly as feasible with existing equipments EOB and ROB from System Four are being removed and put into their proper channel for use, initially in the Air Force and thereafter promptly to all users including Operations DPS/DCI.

c. That as racks become fully available for field Air Force components as well as NTPC, there should be at long last the effectuation of plans which permits prompt field evaluation for EOB and ROB whether that be in Europe or the Far East with full coordination with AFCIN and SAC, allowing for the somewhat later evaluation of unique signals by NTPC whether under AFCIN or NSA direction.

d. That we still have not accomplished but can expect in the future to more nearly accomplish the interpretation of all data received from System Four tapes from the various analyses (SAC, OSI, NTPC, EPC)in such manner as to permit high level officers to comprehend in layman's terms the total significance including air defense information, possible R&D discoveries and other electronic information of vital importance.

10. In his last recommendation (paragraph 6 c) [redacted] proposes that the ARC be briefed on System Four. This has already been done both in the form of the assessment paper and orally from time to time. As new information appears it will be brought to the attention of the ARC.

50X1

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11. **Conclusion: That no action is required at this time.**

50X1

JAMES Q. REBER
Chairman
Ad Hoc Requirements Committee

JQR:cw

1&2-SA/PD/DCI
3-Dir Ops DPS/DCI
4-Dep Dir DPS/DCI
5-Actg ESO 50X1
6-OSI TCO
7-Chmn ARC
8-PS/DCI chrono

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